

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent application of:

Applicant(s): Smith et al.  
Serial No: 10/535,010  
Filing Date: May 31, 2005  
Title: FABRICATION OF WAVEGUIDES AND BRAGG GRATINGS  
WITH UV-IRRADIATION  
  
Examiner: Jerry T. Rahl  
Art Unit: 2874  
Docket No. DYOUP0288US

**DECLARATION UNDER 37 C.F.R. 132**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

The undersigned hereby declare as follows:

1. We believe we are the original, first and joint inventors of the subject matter which is claimed in the above-referenced application.
2. We along with M. Ibsen authored an article entitled "Fabrication of directly UV-written channel waveguides with simultaneously defined intergral Bragg gratings" published in *Electronic Letters*, Vol. 38, No. 24, hereinafter Emmerson et al. article.
3. To the extent the Emmerson et al. article discloses the subject matter of the claims in the present application, such disclosure originated solely from the undersigned inventors.
4. We each further hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are

believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date 15/1/2007

  
Peter George Robin Smith

Date 10<sup>th</sup> January 2007

  
Richard Bird Williams

Date \_\_\_\_\_

\_\_\_\_\_  
Vassilios Albanis

Date \_\_\_\_\_

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Corin Barry Edmund Gawith

Date 10<sup>th</sup> January 2007

  
Samuel Paul Watts

Date 10<sup>th</sup> January 2007

  
Gregory Daniel Emmerson

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Date \_\_\_\_\_

\_\_\_\_\_  
Peter George Robin Smith

Date \_\_\_\_\_

\_\_\_\_\_  
Richard Bird Williams

Date 7/16/01

\_\_\_\_\_  
Vassilios Albanis

Date \_\_\_\_\_

\_\_\_\_\_  
Corin Barry Edmund Gawith

Date \_\_\_\_\_

\_\_\_\_\_  
Samuel Paul Watts

Date \_\_\_\_\_

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Gregory Daniel Emmerson

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                          WITH UV-IRRADIATION  
  
Examiner:           Jerry T. Rahl  
Art Unit:            2874  
Docket No.         DYOUN0288US

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Date \_\_\_\_\_

\_\_\_\_\_  
Peter George Robin Smith


Date \_\_\_\_\_

\_\_\_\_\_  
Richard Bird Williams

Date \_\_\_\_\_

\_\_\_\_\_  
Vassilios Albanis

Date 12/2/07

  
\_\_\_\_\_  
Corin Barry Edmund Gawith

Date \_\_\_\_\_

\_\_\_\_\_  
Samuel Paul Watts

Date \_\_\_\_\_

\_\_\_\_\_  
Gregory Daniel Emmerson

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